

What is claimed is:

1. A method of driving a plasma display panel having first and second row electrodes and a heat electrode and including a sustain period for implementing a gray scale depending upon a discharge frequency, comprising the step of:
 - 10 alternately applying first and second sustain pulses having a different width during the sustain period to the first and second row electrodes.
- 15 2. The method as claimed in claim 1, wherein a resistance going from a first driver generating the first sustain pulse into the first row electrode is different from a resistance going from a second driver generating the second sustain pulse into the second row electrode.
- 20 3. The method as claimed in claim 2, wherein said resistance going the first driver into the first row electrode is larger than a resistance going the second driver into the second row electrode.
- 25 4. The method as claimed in claim 3, wherein a width of the first sustain pulse is longer than that of the second sustain pulse.
- 30 5. The method as claimed in claim 3, wherein a sustain period of the first sustain pulse is longer than that of the second sustain pulse.
6. The method as claimed in claim 5, wherein a rising edge caused by an energy recovering circuit of the first sustain pulse is shorter than a rising edge caused by the

energy recovering circuit of the second sustain pulse.

7. The method as claimed in claim 2, wherein a resistance going from the second driver into the second row electrode
5 is larger than a resistance going from the first driver into the first row electrode.

8. The method as claimed in claim 7, wherein a width of the second sustain pulse is longer than that of the first
10 sustain pulse.

9. The method as claimed in claim 7, wherein a sustain period of the second sustain pulse is longer than that of the first sustain pulse.

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10. The method as claimed in claim 9, wherein a rising edge caused by an energy recovering circuit of the second sustain pulse is shorter than a rising edge caused by the energy recovering circuit of the first sustain pulse.

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